BOA

- Submersible to 8 m forward / 12 m aft above deck
- Launching of jackets up to 7,800 t
- Heavy cargo up to 24,600 t
- Voluminous cargo up to 4,690 m^2
- Extreme deck strength of 31.5 t/m^2

BOABARGE 34

Semi Submersible Heavy Lift and Launching Cargo Barge

BOABARGE 34

General Information	
Vessel's Name	BOABARGE 34
Flag	Norwegian, NOR
Port of Registry	Trondheim
Call sign	LG4414
Class Society	DNV
Class Notations	@1A1 Barge for Deck Cargo (DK+)
Year Built	2013
Builder	Nanjing Wujiazui Shipbuilding Co. Ltd.
Place Built	Nanjing, China
Owner	BOA Barges AS
Manager	BOA Management AS

Dimensions	
Length, Overall	140 m (459 ft)
Breadth, Moulded	36 m (118 ft)
Depth, Moulded	8.54 m (28 ft)
Draught, Loaded	6.32 m (20.7 ft)
Web Frame Spacing	2 m (6.6 ft)
Long. Stiffener Spacing	0.61 m (2.0 ft)
Gross Tonnage	12,303
Net Tonnage	3,690

Cargo Capacities	
Deadweight (T = 6.920 m)	24,600 t
Deck Space	4,690 m^2
Deck Strength	31.5 t/m^2
Launching Capacity	up to 5,000 t jacket

Submerging Depths	
Max Submerging Depth Fwd	16.5 m above BL (8 m above deck)
Max Submerging Depth Aft	20.5 m above BL (12 m above deck)
Grounding	Barge can be submerged by grounding the stern on the sea bed

2 additional floating tanks for free floating submerging operations

Tank Capacities	
Ballast Tanks (total capacity)	37,750 m^3
Bilge Tanks (total)	34.3 m^3
Sewage (total)	7.8 m^3
Fresh Water	15.2 m^3
Fuel (total)	44.3 m^3
Lub. Oil Store	0.65 m^3
Hydr. Oil Store	1.3 m^3
Misc. Oil Store	0.65 m^3

Ballast System	
Ballast Pumps (diesel driven)	2 x 3.000 m^3/hr
Ballast Pumps (electrical driven)	1 x 750 m^3/hr
Service Pump (electrical driven)	400 m^3/hr
Ballast Ejector	250 m^3/hr
Ballast Tanks	27 x ballast tanks, all located in pontoon

Remote operated pumps, valves and sounding system from control room

Power Supply	
Main Generators	2 x 269 kVA (2 x 345 kW), 440 V, 60 Hz powered by Caterpillar diesel engines
Work Generator	1 x 145 kVA (1 x 129 kW), 440V, 60 Hz powered by Caterpillar diesel engine
Harbour Generator	1 x 22 kVA (1x 18 kW), 440V, 60 Hz powered by Hatz diesel engine

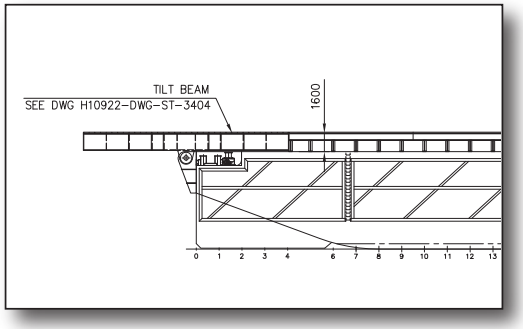
Anchor & Mooring Equipment	
Anchor Winch	1 x hydraulic winch 1 x hydraulically operated retrieving winch with warping head on top of breakwater between deck houses forward. Pulling force 12 tonnes
Work winches	2 x double drum on winch deck
Rope capacities	
Anchor	1 HHP Anchor, weight 4500 kg. 328 m of 58 mm dia. NVK3 chain
Capstans	3 x 12 t pull
Bollards	Size 315/500

Towing Equipment	
Towing Bridle	Each legs 20 m, tow plate and 9 m long fore runner
Emergency Towing	1 x Smit bracket, breaking load 500 tonnes 5 m of 66 mm dia. chain, MBL 330 tonnes, 130 m of 74 mm dia. wire running along port side of barge, MBL 3365 kN
Recovery System	Recovery winch A-frame with chain on main deck forward
Towing Brackets	3 forward 500 t

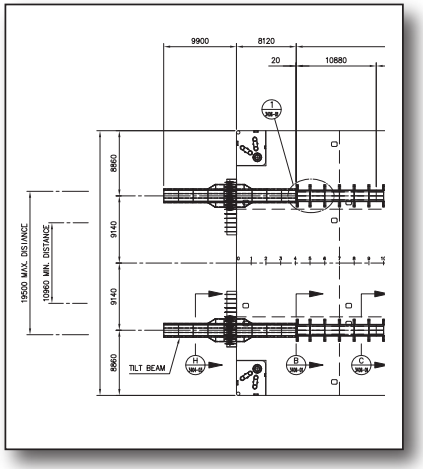
Accommodation	
Accommodations	14 beds
Day room	1
Meeting room	1

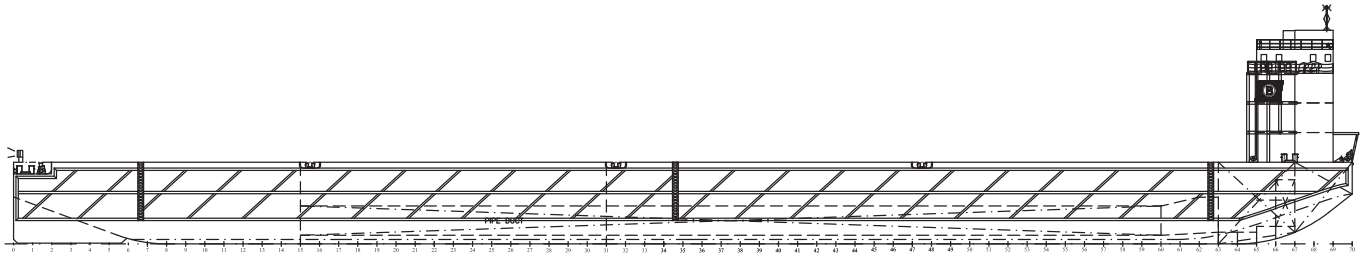
BOABarge 34 only.
Capability of launching 7,800mt Jackets

Depending on jacket configuration.

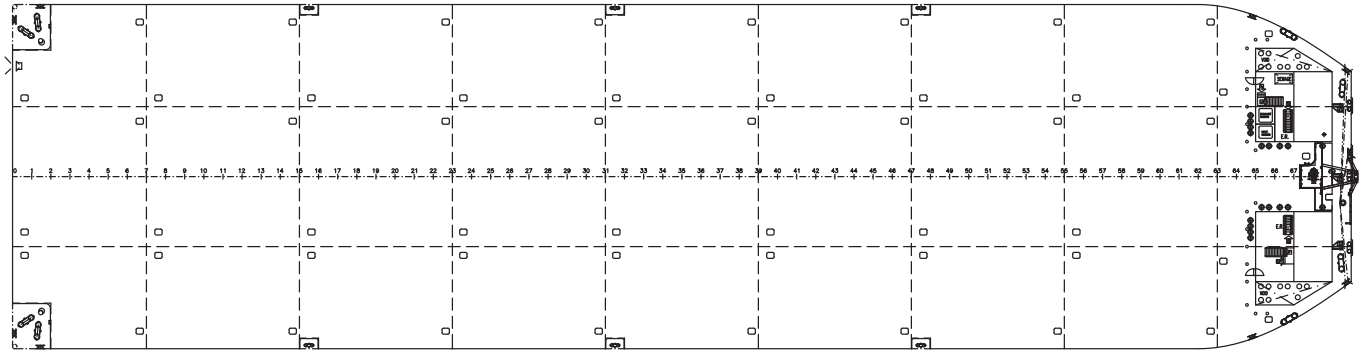


BOABarge 34 only.

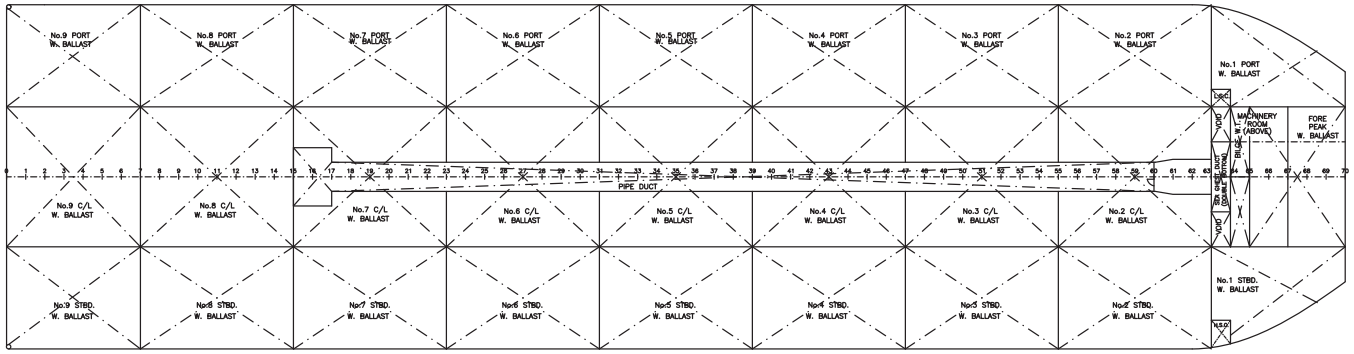




SIDE VIEW



DECK LEVEL VIEW



HORIZONTAL SECTION IN TANKS
1100 ABOVE BASE LINE

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